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~~Abstract~~ ABSTRACT OF THE DISCLOSURE

ens ~~The present invention relates to~~ a cemented carbide insert with excellent properties for machining of steels and stainless steels. The cemented carbide comprises WC and 4 - 25 wt-% Co. The WC-grains have an average grain size in the range 0.2 - 3.5 μm and a narrow grain size distribution in the range 0 - 4.5 μm .

According to the method of the invention a cemented carbide cutting tool insert is made by mixing powders of WC, TiC, TaC and/or NbC, binder metal and pressing agent, drying preferably by spray drying, pressing to inserts and sintering. The method is characterised in

- that a deagglomerated WC-powder with a narrow grain size distribution is used,
- 15 - that the powders of TiC, TaC and/or NbC are deagglomerated and
- that the mixing is wet mixing with no change in grain size or grain size distribution.